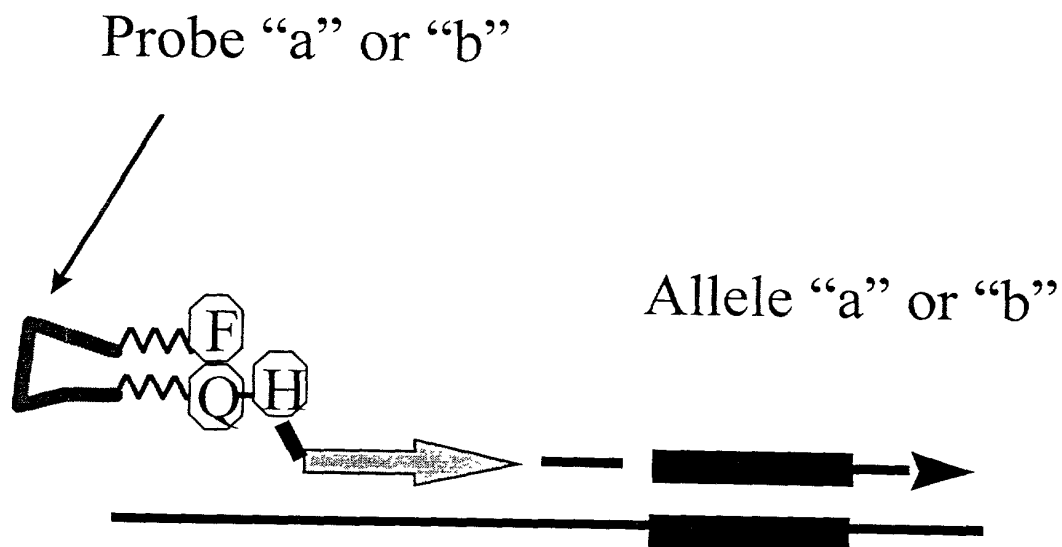


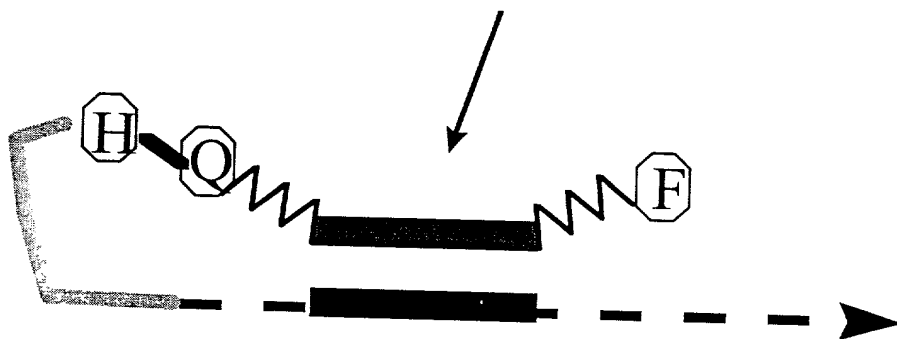
19/42

**Figure 12a**

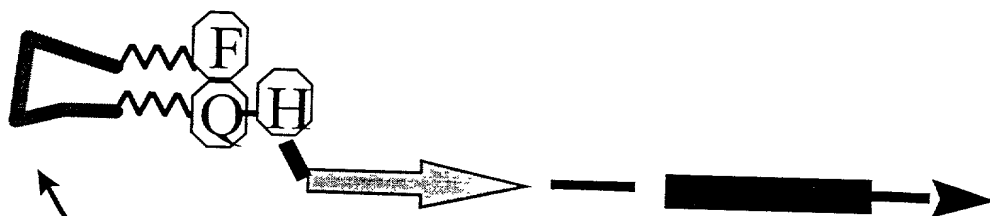
20/42

**Figure 12b**

Probe matches target,  
fluorophore unquenched



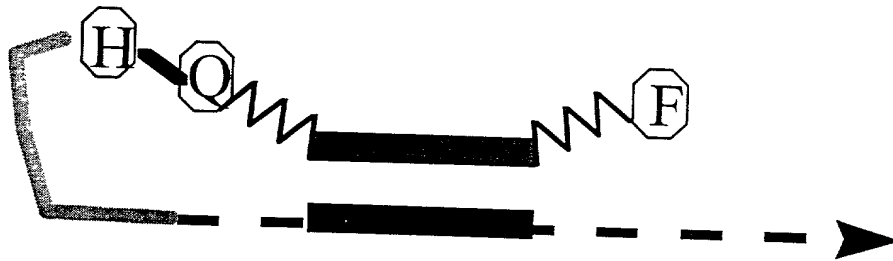
OR



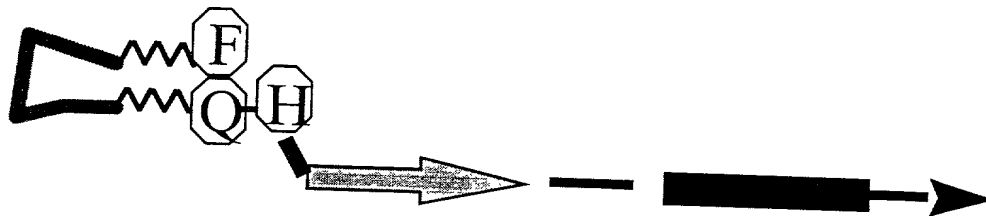
Probe and target mismatch,  
internally quenched conformation  
forms

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21/42

**Figure 12c**

OR



For allele "a" on the forward strand

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